

Title (en)

CONTROLLER SUPPORT DEVICE, SIMULATION METHOD OF CONTROL PROGRAM, SUPPORT PROGRAM OF CONTROLLER AND COMPUTER-READABLE STORAGE MEDIUM STORING SUPPORT PROGRAM OF CONTROLLER

Title (de)

VORRICHTUNG ZUR UNTERSTÜTZUNG EINES STEUERGERÄTES, SIMULATIONSVERFAHREN FÜR EIN STEUERPROGRAMM, PROGRAMM ZUR UNTERSTÜTZUNG DES STEUERGERÄTES UND COMPUTERLESBARES SPEICHERMEDIUM ZUR SPEICHERUNG DES PROGRAMMS ZUR UNTERSTÜTZUNG DES STEUERGERÄTES

Title (fr)

DISPOSITIF DE SOUTIEN DE CONTRÔLEUR, PROCÉDÉ DE SIMULATION DU PROGRAMME DE COMMANDE, PROGRAMME DE SOUTIEN DE CONTRÔLEUR ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR POUR ENREGISTRER LE PROGRAMME DE SOUTIEN DU CONTRÔLEUR

Publication

EP 2549344 A4 20141001 (EN)

Application

EP 11756015 A 20110214

Priority

- JP 2010057467 A 20100315
- JP 2011053032 W 20110214

Abstract (en)

[origin: EP2549344A1] A sequence control portion of a control program is configured to execute simulation for one period to generate an execution result related to the sequence control portion. A motion control portion is configured to execute simulation for one period to generate an execution result related to the motion control portion. A control period number is then increment updated. Whether or not a resumable control period is determined, and if determined as the resumable control period, content of a resuming data buffer (828) updated in the previous control period is saved in a resuming data storage section (826).

IPC 8 full level

G05B 19/05 (2006.01); **G05B 19/4069** (2006.01); **G06F 17/50** (2006.01)

CPC (source: EP US)

G05B 19/4069 (2013.01 - EP US); **G06F 30/20** (2020.01 - EP US); **G05B 2219/32352** (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)

- [A] JP 2006085485 A 20060330 - YAMAZAKI MAZAK CORP
- [A] US 5229948 A 19930720 - WEI KUANG C [US], et al
- [A] WO 2006002527 A1 20060112 - CAE INC [CA]
- See references of WO 2011114825A1

Cited by

EP2961061A1; DE112016002864B4; EP3101497A4; US10156837B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2549344 A1 20130123; EP 2549344 A4 20141001; EP 2549344 B1 20160518; CN 102804087 A 20121128; CN 102804087 B 20150415; JP 2011192016 A 20110929; JP 5246186 B2 20130724; US 2013124184 A1 20130516; US 9607112 B2 20170328; WO 2011114825 A1 20110922

DOCDB simple family (application)

EP 11756015 A 20110214; CN 201180014340 A 20110214; JP 2010057467 A 20100315; JP 2011053032 W 20110214; US 201113634907 A 20110214